1 / 1 0

F i g. 1

CHDMVDE A	™C™N > + > → ←™CN GCOS + ™N > N → ←CC + ™C+ ← CC > N → ← ← ™ → + ← ← ← ← ← ← ← ← ← ← ← ← ← ← ← ← ← ←
SUBTYPE A SUBTYPE B	TGTAataccTCAgccatTAcAcAgGCtTGtCCaAAggTatCCTTTGAgCCaATTCCCATA
SUBTYPE C	ct
SUBTYPE D	ga
SUBTYPE E	Tt
SUBTYPE F	T-GG-T
SUBTYPE G	
SUBTYPE H	ga?Tc
оовтив н	GTA
arinmunn A	
SUBTYPE A SUBTYPE B	caTTATTGtgCcCCaGCTGGtTttGCgATtCTAAagTGtAa?gataaggagTTcaatGGA
SUBTYPE C	
	taacag
SUBTYPE D	aaaaaaa
SUBTYPE E	Ta-tg
SUBTYPE F	
SUBTYPE G	gga-?
SUBTYPE H	G
SUBTYPE A	acAGGgccatGcaagAATGTcAGcaCaGTaCAATGcACacATGGaATcAagCCAGtagTa
SUBTYPE B	at-ca
SUBTYPE C	at
SUBTYPE $\overline{\mathbf{D}}$?ggg
SUBTYPE \mathbf{E}	
SUBTYPEF	ggg
SUBTYPE G	ATaTTT
SUBTYPE ${f H}$	GAATATTT
SUBTYPEA	tCAACtCAaCTgcTGtTaAATGGcAGtcTAGCAgaAgaa????gaggTAatgaTtagaTCT
SUBTYPEB	
SUBTYPEC	
SUBTYPED	
SUBTYPEE	
SUBTYPEF	
SUBTYPEG	t-ac-gtaAa
SUBTYPEH	?a?a
arramita A	
SUBTYPE A	gAaaataTcacAaAcAATgccaaaAccaTAaTaGTacAgcTtg??aagcctGTAa?aATt
SUBTYPE B	tggtgaa-g-atga
SUBTYPE C	c-gtga
SUBTYPE D	
SUBTYPE E	C
SUBTYPE F	C?AATg-Atca
SUBTYPE G	c?ggtgAAta?aga
SUBTYPE H	cgagt
arinmirna A	+ MOM
SUBTYPEA	aatIGT
SUBTYPEB	
SUBTYPEC	gtg
SUBTYPED	
SUBTYPEE	
SUBTYPEF	
SUBTYPEG	-33
$\mathtt{SUBTYPE}_{\mathbf{H}}$	

2 / 1 0

F i g. 2

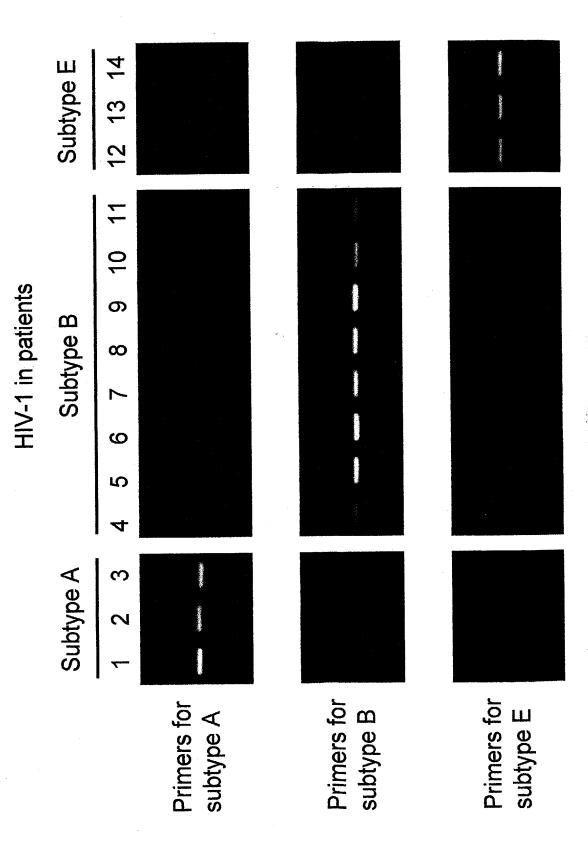
SUBTYPE A SUBTYPE B SUBTYPE C SUBTYPE D SUBTYPE E SUBTYPE F SUBTYPE G SUBTYPE H	TGTaatgTcAgtaga?cagaaTGGaAtaaaacttTacaa?aggtagcta?acAatTAagaca-tg-a
SUBTYPE A SUBTYPE B SUBTYPE C SUBTYPE D SUBTYPE E SUBTYPE F SUBTYPE G SUBTYPE H	aaatacTtt????????aacaaaaca??????ataatcTTtgctaac g??????c-ag-gtgaa-c-a??? gcccctTacataaacCa g-c?cTtca-tTGacatcaaCCA??? tctc-tctgcaa-t-aactcA gat
SUBTYPE A SUBTYPE B SUBTYPE C SÜBTYPE D SUBTYPE E SUBTYPE F SUBTYPE G SUBTYPE H	?cctcaGGaGGGGAt?TaGAAaTtacAAcacAtAgttTTAaTTGTggAgGagaatttTTc t
SUBTYPE A SUBTYPE B SUBTYPE C SUBTYPE D SUBTYPE E SUBTYPE F SUBTYPE G SUBTYPE H	TAtTGcctCCtt

3 / 1 0F i g. 3

ene	C3 V4	11QA 11BB 12A 11QE 12B 11QE 12B 12B 12CACAGTACAATGCACATG CACAGTACAATGTACACATG CACAGTACAATGTACACATG CACAGTACAATGTACAAAG CTCCTGAGGGTTAGCAAAG CTCCTGAGGGTTAGCAAAG CTCCTGAGGGTTAGCAAAG CTCCTGAGGAAAATTCTCCTC ACAGTAGAAAAATTCTCCTC ACAGTAGAAAAATTCCCCTC GCAATAGAAAAATTCCCCTC GCAATAGAAAAATTCCCCTC
the env gene	٧3	or 2nd PCR 9AE: 9B: 10: 10: 10: 10: 10: 110A: 110A: 110A: 110A: 110A: 110B: 110B: 110B: 12E: 12E:
₽↑	C2	s used fo PCR 2 E/12A /12B E/12E
98 ↑		Primers Subtype 1st A 9A B 9B E 9A

4/10

Fig. 4



1 0 Fig.

11QA1 12M 11VB

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Primers 2nd PCR 1st PCR Primers used for Subtype

10U/11QA1 10U/11WE 10U/11VB 10U/11XC 10U/11M 9M/12M 9M/12M 9M/12M 9M/12M 9M/12M

4

 $\mathbf{\omega}$

CTCTACAATTAAAATGATGCATTG **LTGTTTTATTAGGGAAGTGTTC** CACAATTAAAACTGTGCATTAC CACAGTACAATGCACATG AATTTCTAGATCCCCTCCTG AATTTCTAGGTCCCCTCCTG CACAGTACAATGTACACATG CTGTTAAATGGCAGTCTAGC CTCCTGAGGAGTTAGCAAAG AATTTCTGGGTCCCCTCCTG GCAATAGAAAATTCTCCTC ACAGTAGAAAATTCCCCTC 11QA1: HLAE 1VB: 11XC: 1WE 11LB: 110 <u>:</u>

the env gene

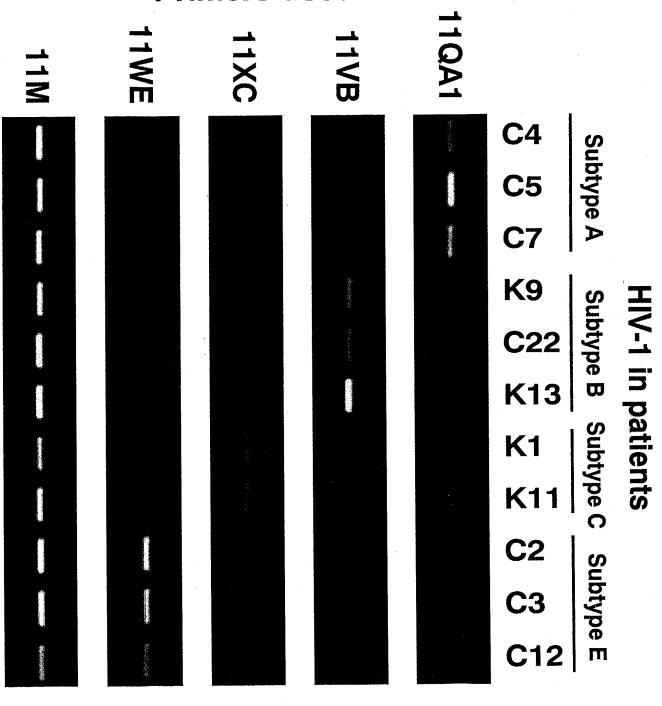
↟

9ME

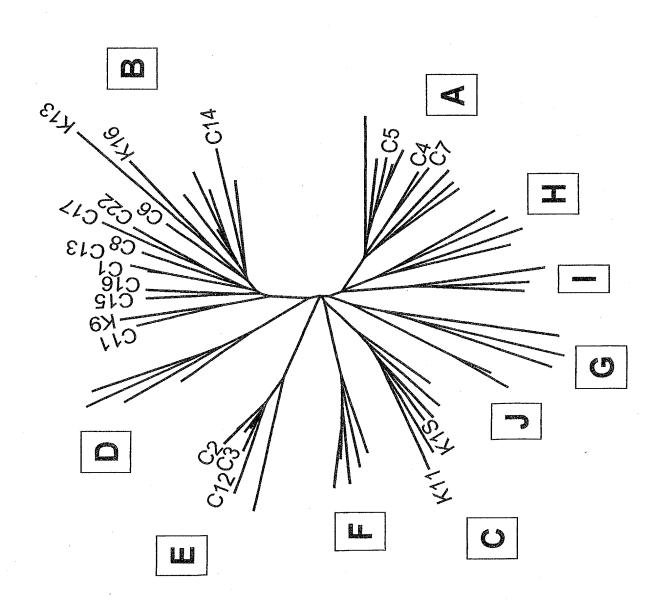
S

6/10 Fig. 6

Primers used



7/10 Fig. 7



8	/	/ 1	0
₹	i	g.	

Patient	Subtype	Date	E e	5 8	S &	# 50 %	tion 4	84 84 84	Amino acid at positions relevant to PRI resistance 10 20 30 36 46 48 50 63 82 84 90	5 G	전 82	sista 84	90 8
3	ш	8/11/97	11546 1 1566	X -			3 2	00	MECHANICA REGISTERICA		>>	MATERIAL CONSTITUTION	errore mensue
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Ç	«	7/29/97	nocasal teasasi	formerigi Septembri	00	POCOSON GUARANS		O O	(MECONO): ASSESSED	isang sangg Masa dhata	>>	instancia Bibliones	nemed bonned

9/10 Fig. 9

	Heterosexual	NSM	Total Earline
Subtype A	2		~
Subtype B	Ø		23
Subtype C	2	•	2
Subtype E	9		
50	©	5	35

10/10

Fig. 10

	4320
	4361
	4269
	4081
	4378
	4589
	4317
	4494
	4727
	4309
	4017
	4441
	4488
	4480
	4091
	N1
	P1
	P2
	N2
ž	